

Title (en)  
OPTICAL PROBE FOR MEASURING LIGHT SIGNALS IN VIVO

Title (de)  
OPTISCHE SONDE ZUR MESSUNG VON LICHTSIGNALEN IN VIVO

Title (fr)  
SONDE OPTIQUE DE MESURE DE SIGNAUX LUMINEUX IN VIVO

Publication  
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Application  
**EP 09776157 A 20090312**

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Abstract (en)  
[origin: WO2010102621A1] The invention relates to an optical probe for measuring light signals comprising a first optical fiber guiding incoming light, a lens focusing incoming light towards a sample and collecting altered light from said sample, a second optical fiber guiding altered light, a light logging device measuring intensity fluctuations in said incoming light, characterized in that said light logging device is positioned after said first optical fiber, whereby said light logging device receives a part of said incoming light from said first fiber. The optical probe is normally applied for measuring light signals in vivo, and finds its primary applications within the field of optical spectroscopic measurements, where the light signals measured by said probe are applied in combination with an apparatus wherein light signals are analyzed against its spectral components for instance in Raman, fluorescence, phosphorescence absorption, diffusion and transmission studies. The present invention especially relates to and finds application within the area of Raman Spectroscopy.

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Citation (examination)  
US 2004019283 A1 20040129 - LAMBERT JAMES L [US], et al

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